





Storage and IO devices

INFORMATION SHEET 1.1-5

LEARNING OBJECTIVES

-  identify the output and input device
-  explain, elaborate and classify the different computer peripherals and its components



Input device

an input device is any peripheral (piece of computer hardware equipment) used to provide data and control signals to an information processing system such as a computer or other information appliance.



example of input device



scanner

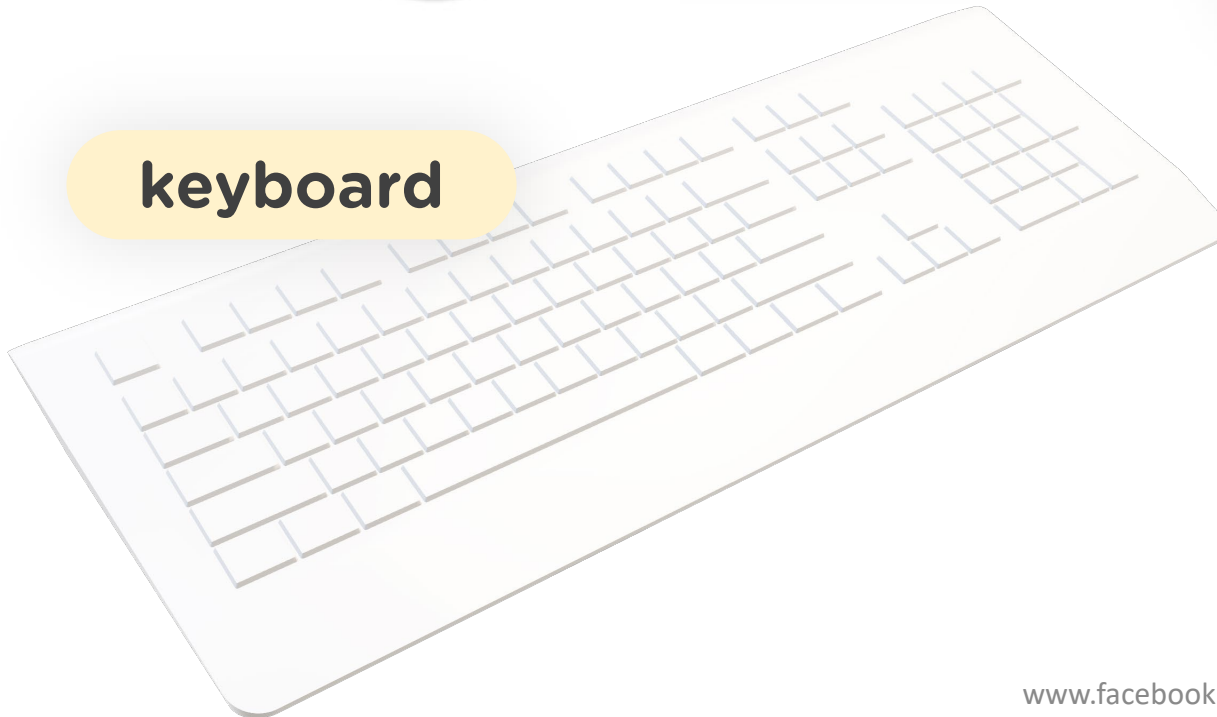
webcam



mouse



keyboard

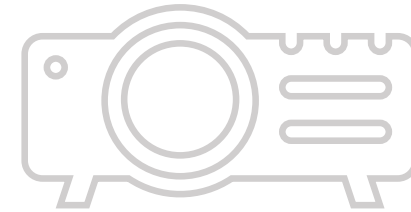


fingerprint scanner



Output device

An output device is any peripheral that receives data from a computer, usually for display, projection, or physical reproduction.



example of output device



speaker



printer



projector



headphone



Monitor / TV

Storage device

A storage, storage media, or storage medium, a storage device is a hardware device capable of holding information.

Primary storage

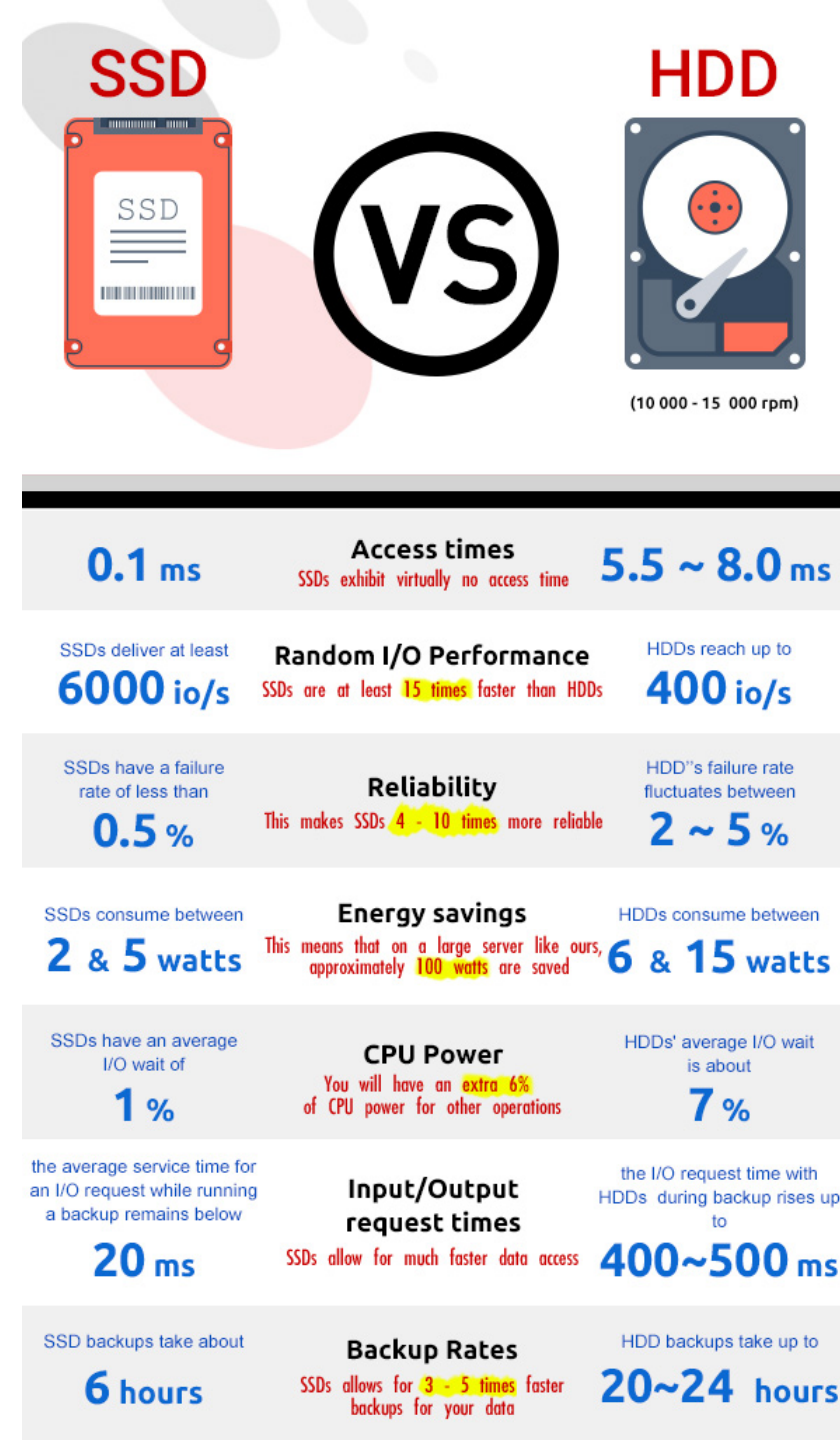
is also known as main storage or memory, is the main area in a computer in which data is stored for quick access by the computer's processor.

Secondary storage

Referred to as external memory and secondary storage is a storage medium that holds information until it is deleted or overwritten regardless if the computer has power.

SSD is a storage medium that uses non-volatile memory as a means of holding and accessing data.

HDD is a non-volatile memory hardware device that permanently stores and retrieves data on a computer.





Flash drive

USB flash drives are typically removable and rewritable, much smaller than a floppy disk. Storage capacities typically range from 4 GB to 128 GB.



Optical disc

referred to as a disc drive, optical media, optical storage, Optical disc drive, and optical disk, an optical disc is any media read using a laser assembly. The most common types of optical media are Blu-ray, CDs, and DVDs.



External drive

external drives are often stored in an enclosure that helps protect the drive and allows it to interface with the computer, usually over USB or eSATA.

Flash memory card

A memory card or flash memory card is a solid-state electronic flash memory data storage device used with digital cameras, handheld and Tablet/Mobile computers, and other electronics.



Cloud storage

It is a model of networked storage where data is stored not in the user's computer, but in virtualized pools of storage which are usually hosted by third parties.



mozy



Google Drive



OneDrive



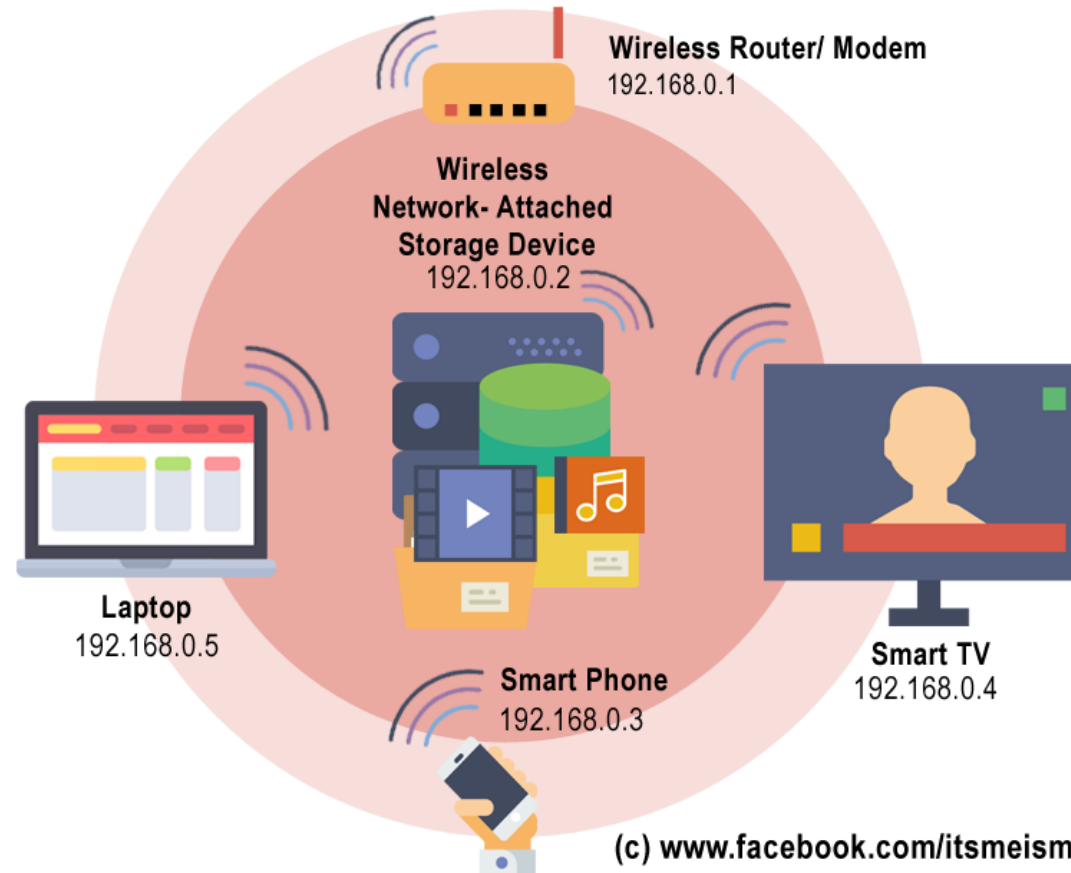
iCloud



Dropbox

Network-attached storage (NAS)

Network-attached storage (NAS) is file-level computer data storage connected to a computer network providing data access to a heterogeneous group of clients.



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